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| | C. Effenhauser et al, "Gl | ass Chins fo | r High-Sneed C | or, Title, Date, F | cresis Separ | ations W | ith Submicro | meter Dia | ite | |
| EGT | Heights" Analytical Che | <i>mistry</i> , 1993 | , 65, pages 263' | 7-2642 | | | | | | |
| E 6+ | G. Ocvirk et al, "High P | Overta Chi | Liquid Chromat | ography Partially I | ntegrated O | nto a Sili | con Chip" Al | MI, 1994 | | |
| EGT | H. Becker et al, "Planar Applications" J. Microm | ech. Microe | s with Submicr | on Channels for Tyges 24-28 | wo-Dimensi | ioai Capil | lary Electrop | horesis | | |
| EST | H. Dixon et al, "On the A 563-576 | Ascent of Sa | p" Philosophica | l Transactions of t | | | | _ | _ | |
| EGT | J. Knox, "Kinetic Optim (1979) pages 405-418 | ization of St | raight Open-Tu | oular Liquid Chror | natography' | ' Journal | of Chromato | graphy, | 186 | |
| EG | U. Zimmermann et al, "I pages 545-551 | How Does W | ater Ascend in | Tall Trees and Oth | ner Vascular | Plants?" | Annals of Bo | otany, 76, | 1995 | |
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| INFORMATION DISCLÒSURE | ATTY. DOCKET NO. | SERIAL NO. | |
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| 261 | 5,242,111 | 9/1993 | Nakoneczny et al | 239 | 47 | _ | |
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| | OTHER DOCK | JMENTS (includ | ing Author, Title, Date, Pertir | nent pages, et | ic.) | | |
| | Manz et al, "Design of a | n Open-Tubular C | column Liquid Chromatograph Us | ing Siliconchin | Technology" | Sensors | and |
| -G+ | Actuators, Vol. B01, No. | . 1/6, 1990, pages | 249-255 | ing bineonemp | recimology | 00113013 | and |
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